

KHASKEL'BERG, I.G., inzh.; ZHIVOTOVSKIY, L.S., kand.tekhn.nauk; KARLIN,  
B.I., kand.tekhn.nauk

Method of designing pressure hydraulic transportation of sand and  
sand-and-gravel materials. Stroi.mat. 7 no.6:32-34 Je '61.

(MIRA 14:7)

(Sand and gravel plants) (Hydraulic conveying)

S/124/63/000/003/021/065  
D234/D308

AUTHORS: Zhivotovskiy, L. S., Karlin, B. I., Lopatin, N. A.,  
Platonov, V. A., Sochilov, V. V. and Buyevich, V. A.

TITLE: Calculation of head loss due to friction in a horizontal pulp duct

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1963, 111, abstract 3B691 (Gidrotekhn. str-vo, 1962, no. 10, 45-49)

TEXT: Different results obtained in calculating the head loss of a suspension of solids in water from different formulas induced the authors to make field tests using pulp ducts 405-610 mm in. diameter. The solid phase is represented by sands containing several size-fractions, and by fine gravel. Empirical constructions are based on Dyuran's parameters. The authors use these parameters for soils containing a range of grain sizes. [Abstracter's note: Complete translation.]

Card 1/1

ZHIVOTOVSKIY, L.S., kand.tekhn.nauk; KARLIN, B.I., kand.tekhn.nauk;  
LOPATIN, N.A., inzh.; PLATONOV, V.A., inzh.; SOCHILOV, V.V.,  
inzh.; BUYEVICH, V.A., inzh.

Calculations for the loss of head due to friction in a horizontal  
spoil line. Gidr.stroi. 33 no.10:45-49 0 '62. (MIRA 15:12)  
(Pipe—Hydrodynamics) (Dredging machinery)

LEVIN, B.M., kand. tekhn. nauk; KADYKOV, V.T., inzh.;  
ZHIVOTOVSKIY, L.S., kand. tekhn. nauk; KARLIN, B.I., kand.  
tekhn. nauk

Study of the loss of head in hydraulic conveying of micro-  
granular material along horizontal pipes. Trudy MII no.176:  
53-58 '63. (MIRA 17:6)

SMOLENSKIY, L.A., aspirant; ZHIVOTOVSKIY, L.S., kand. tekhn. nauk;  
KARLIN, B.I., kand. tekhn. nauk

Study and calculation of hydraulic cyclone sand classifiers. Trudy MIIT no.176:108-125 '63. (MIRA 17:6)

KARLIN, D. M.

"Investigation of the Cam Gear With a Cam Follower Equipped with a Roller."  
Thesis for degree of Cand. Technical Sci. Sub 14 Nov 49, Moscow Order of the Labor  
Red Banner Higher Technical School imeni N. E. Bauman.

Summary 82, 18 Dec 52, Dissertations Presented for degrees in Science and  
Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

KARLIN, DAVID MIRONOVICH

NIKITIN, Yevgeniy Mikhaylovich; KARLIN, David Mironovich; ZHARKOV, D.V., red.;  
MURASHOVA, N.Ya., tekhn.red.

[Theoretical mechanics for students in engineering schools]  
Teoreticheskaya mekhanika dlia tekhnikumov. Moskva, Gos.izd-vo  
tekhniko-teoret.lit-ry, 1957. 663 p. (MIRA 10:12)  
(Mechanics)

KARLIN, D. O.

Karlin, D. O. "On the electrometric method of investigating the condition of the horny layer of skin," Eksperim. i klinich. issledovaniya (Leningr. kozhno-venerol. in-t), Vol. VII, 1949, p. 187-90.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).



ACC NR: AP6033471

SOURCE CODE: UR/0413/66/000/018/0058/0058

INVENTOR: Karlin, E. V.

ORG: None

TITLE: A superhigh frequency circuit breaker. Class 21, No. 185979

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 58

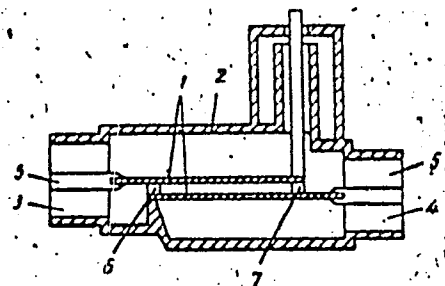
TOPIC TAGS: circuit breaker, SHF, semiconductor diode, coaxial cable, transmission line

ABSTRACT: This Author's Certificate introduces: 1. A superhigh frequency circuit breaker for coaxial channels based on a single semiconductor diode. Matching is improved and losses are reduced in a wide frequency band by making the unit in the form of two parallel quarter-wave strip transmission lines with a common metal screen connected to the input and output coaxial connectors in such a way that the internal conductors are connected to the input of the first strip line and the output of the second respectively. The two free ends of the strip lines are closed to the metal screen. The diode is connected to the input of the device between the quarter-wave lines. 2. A modification of this circuit breaker in which high attenuation is achieved in the "break" state improving the working characteristics of the switch by connecting a compensating semiconductor diode between the strip transmission lines at the output.

UDC: 621.372.837:621.382.2

Card 1/2

ACC NR: AP6033471



1—strip transmission lines; 2—screen;  
3 and 4—connectors; 5—internal conduc-  
tors; 6—diode; 7—compensating diode

SUB CODE: 09/ SUBM DATE: 12Jun65

Card 2/2

25 (6), 5 (1)

AUTHOR: Karlin, L. A., Engineer

SOV/119-59-7-11/18

TITLE: An Instrument for Measuring and Regulating the Level of Loose Material

PERIODICAL: Priborostroyeniye, 1959, Nr 7, p 26 (USSR)

ABSTRACT: The instrument described was worked out at the tsekh kontrol'no-izmeritel'nykh priborov (KIP) (Factory of Control- and Measuring-Instruments) and is used for measuring and regulating a catalyst in the reaction vessel for catalytic cracking. In this instrument, a feeder is kept in constant contact with the catalyst surface by means of a motor with a drum and a mechanical device. A lever system coupled hereto lifts and lowers the core of a magnet coil, and the level in the vessel is in this way indicated by induction. A further instrument for distance-gauging is finally mentioned and its electric circuit is shown by figure 2. There are 2 figures.

Card 1/1

KARLIN, L.A.

Method for calculating the measuring circuit of a potentiometer  
working with nonlinear transmitters. Pribozastrosnia no. 11:5-6  
N '64. (MIRA 18:1)

NEUBAUER, R.; KARLIN, M.; KORSIKA, L.; FILIPEC, L.; KOMAR, M.; NANUT, E.

Certain considerations on the recurrence of pulmonary tuberculosis.  
Tuberkuloza, Beogr. 11 no.3:318-327 '59.

1. Ftizioloska klinika, Ljubljana; Bolnica za tuberkulozu, Sezana.  
(TUBERCULOSIS PULMONARY therapy)

KARLIN, Mirko

Transient eosinophilic infiltrations of the lungs (Loeffler's syndrome). Zdrav. vest., Ljubljana 23 no.11-12:325-328 1954.

1. Pljučni oddelek kliničnih bolnice v Ljubljani-primarij dr. M. Karlin.

(LOEFFLER'S SYNDROME,  
(Slov))

KARLIN, M.A.

Effect of partial pancreatectomy on motor function of the gastro-intestinal tract. Tr. Vsesoiuz. obsh. fiziol. no. 1:82-84 1952.

(GIML 24:1)

1. Delivered 4 March 1950, Kazan'.

KARLIN, M. I.

KLEBANOV, G. I., KARLIN, M. I.

Penicillin combined with autoblood in treatment of pyoderma.  
Vest. vener. No. 4, July-Aug. 50. p. 35-6

1. Of Leningrad No. 3 Skin-Venereological Dispensary (Head  
Physician--Ye. A. Sheydn).

GLML 19, 5, Nov., 1950



*Karlin, M.I.*

BERMAN, N.A., kand.med.nauk; KARLIN, M.I., kand.med.nauk; SHMUYLOVICH, Ya.M.  
vrach.

Toxiderma during treatment with sinestrol. Vest.derm. i ven. 32  
no.1:77-78 Ja-F '58. (MIRA 11:4)

1. Iz Kozhno-venerologicheskogo dispansera No.3, Leningrad.  
(SKIN--DISEASES) (ESTROGENS)

KARLIN, M.I.; KLEBANOV, G.Ya.; PROVOTOROVA, A.S.

Comparative evaluation of the treatment of staphylo-derma by means of electrophoresis with various drugs. Vest.derm. i ven. 34 no.11:26-27 N '60. (MIRA 13:12)

1. Iz Leningradskogo kozhno-venerologicheskogo dispensera No.3 (glavnyy vrach S.M.Grudinina, nauchnyy rukovoditel' - chlen-korrespondent AMN zasluzhennyy deyatel' nauki RSFSR prof.S.T. Pavlov).

(STAPHYLOCOCCAL INFECTIONS ther.)  
(PYODERMA ther.)

KARLIN, M.I., kand.med.nauk; KLEBANOV, G.Ya.; ONIPKO, V.A.

Dispansery service for patients with lupus erythematosus. Vest.  
derm. i ven. no. 11:56-58 '61. (MIRA 14:11)

1. Iz Kozhno-venerologicheskogo dispansera No.3 Leningrada  
(glavnyy vrach S.M. Grudinina, nauchnyy rukovoditel' - cheln-  
korrespondent AMN SSSR zasluzhennyy deyatel' nauk RSFSR prof.  
S.T. Pavlov).

(LUPUS ERYTHEMATOSUS)

KALASHNIKOV, O.N., inzh.; KARLIN, P.I.

The **Ivanovka Hydraulic Mine Collective** prepares to welcome  
the 22d Congress with suitable achievements. Ugol' Ukr. 5  
no.10:14-16 0 '61. (MIRA 14:12)  
(Donets Basin—Coal mines and mining)

KARLIN, P.I., inzh.; BURAVLEV, A.I., inzh.; KALASHNIKOV, O.N., inzh.;  
VASIL'YEV, Ye.F., inzh.

Studying ways of increasing labor productivity in mining  
systems with sublevel hydraulicking as used at the Yanovka  
hydraulic mine. Ugol' 40 no.11:47-51 '65. (MIRA 18:11)

KARLIN, P.I., inzh.; BALTER, L.Ye., inzh.

Improving the hydraulic coal and rock transportation. Ugol.'prom.  
no.4:38-40 J1-Ag '62. (MIRA 15:8)

1. Yanovskiy gidrorudnik.  
(Donets Basin--Hydraulic conveying)

BURAVLEV, A.I., inzh.; KARLIN, P.I., inzh.

Ways of increasing the reliability of the technological process  
at the Yanovskiy hydraulic mine. Ugol' 39 no.9:10-14 S '64.

(MIRA17:10)

1. Yanovskiy gidrorudnik.

KARLIN, S.V.; ARTAMONOV, Yu.K.

Changing the control system for reeler drives. Sbor.rats.predl.  
vnedr.v proizvod. no.5:27 '60. (MIRA 14:8)

1. Novolipetskiy metallurgicheskiy zavod.  
(Rolling mills--Technological innovations)



KARLIN, V. R. Cand Agr Sci -- (diss) "The age-related structure and ~~the~~  
present <sup>state</sup> ~~condition~~ of old beech <sup>will</sup> ~~plantations~~ <sup>ings</sup> of the <sup>North</sup> ~~northern~~ Caucasus."

Voronezh, 1958. 19 pp (Min of Agriculture USSR. Voronezh Forestry Engineering  
Inst), 100 copies (KL, 13-58, 99).

USSR / Forestry. Forest Management.

K-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72804.

Author : Naumenko, I. M.; Bitsin, L. V.; Karlin, V. R.

Inst : Not given.

Title : Condition, Structural Age and Productivity of Old  
Beech Plantations of Northern Caucasus.

Orig Pub: Lesn. kh-vo, 1958, No 1, 10-16.

Abstract: In cooperation with the Southeastern Airphoto-Forest Management Trust, observations were conducted in the leskhozoes of Northern Osetia, Kabardin ASSR, and Krasnodarsk Kray. The beech plantations are located at a height of 600-1000 m above sea level, and have a stock of 100-600 m<sup>3</sup>/ha. The most widespread are the polypodiaceae beechs (on the slopes) and the azalea-bilberry beechs (on the summits of the ranges). Beech plantations are characterized

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USSR / Forestry. Forest Management.

K-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72804.

Abstract: by many stages. In the first stage, the eastern beech is mixed somewhat with hornbeam, maple, elm; in the second - with wych elm, common hornbeam. The timber stands are noted for age variety and absence of uniform spread of trunks as regards degree of thickness and height. The age of the beech in the first stage is 81-380, in the second 21-220 years. The first stage comprises 95% in stock and 45% in pure trunks of the total plantation. The authors propose dividing the old beech plantations into three generations, trees of 221 years and older belong to the first; 141-220 to the second; 61-140 years to the third. The empirical dependence of the age of the beech on the limiting diameter can be expressed by the equation  $A = 4d + \pm 20$  n, where A = the age in years, d = the limiting

Card 2/3

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USSR / Forestry. Forest Management.

K-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72804.

Abstract: diameter in cm,  $n$  = the number of classes of age from 0 to 3. Even at 300-350 years, the beech has a strong capacity for growth. Trees originally retarded, at the over mature age overtake in growth specimens with a short beginning period of retardation. -- V. Antanaytis.

Card 3/3

*KARLIN, V.V.*

FILONENKO, Nina Yevgen'yevna; LAVROV, Igor' Veniaminovich; KARLIN, V.V.,  
kand.tekhn.nauk, retsenzent; NIKOGOSYAN, Kh.S., kand.tekhn.nauk,  
red.; BORODULINA, I.A., red.izd-va; SOKOLOVA, L.V., tekhn.red.

[Petrography of synthetic abrasives] Petrografiia iskusstvennykh  
abrazivov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.  
lit-ry, 1958. 90 p. (MIRA 11:5)  
(Abrasives)

ARBUZOV, B.A.; VERESHCHAGIN, A.N.; KARLIN, V.V.; AGANOV, A.V.

Bromoethylenes in diene synthesis. Izv. AN SSSR. Ser. khim.  
no.8:1376-1381 '65. (MIRA 18:9)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.



1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>CA</p>										<p>11E</p>									
<p>Formation of acetylcholine in the brain of pigeons during B<sub>1</sub> avitaminosis. M. K. Karyagina and M. I. Karolina. <i>J. Physiol. U. S. S. R.</i> 29, 576-81 (in English, 581) (1940).—Expts. were made in an atm. of O<sub>2</sub> at 37°. Acetylcholine was detd. by stimulation of the dorsal leech muscle (Minz, C. A. 27, 770). The accuracy of this method is only 10-12%, but because only minute ams. are present it is to be preferred to chem. procedures. In B<sub>1</sub> avitaminosis the brain contained 1.4 times the normal quantity of free acetylcholine, and approx. the normal quantity of combined acetylcholine. Glucose and pyruvic acid added to normal brain tissue produced equal increases in total acetylcholine. In avitaminosis 25% of cases showed the same rate of increase; the rest showed little or no change. Glucose and pyruvic acid decrease the combined acetylcholine in avitaminized brains, and do not affect free acetylcholine. These expts. <i>in vitro</i> suggest that <i>in vivo</i> the acetylcholine synthesis must take place with the aid of glucose and pyruvic acid, and confirm the possibility that the synthesis goes through the stage of combined acetylcholine. The decreased or arrested synthesis in B<sub>1</sub> avitaminosis indicates a close relation between acetylcholine formation and the B<sub>1</sub> activity in the body. 17 references. C. S. Shapiro</p>																			
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																			
<p>250001 11102110</p>										<p>250001 11102110</p>									
<p>250001 11102110</p>										<p>250001 11102110</p>									



KARLINA, M. I., Mbr., Dept. Physiological Chemistry, VIEM, Moscow, -1943-.

"Synthesis of Amino Acids in the Tissues. IV. Formation of Amino Acids in  
Kidney from Oxalacetate and Ammonia Carbonate," Biokhim., 8, Nos. 5-6, 1943.

*Dept. of physiological chemistry, Viem, Moscow*

CA

11A

Preparation of phosphoglyceric acid. V. A. Belisov and M. I. Karlina. *Doklady Akad. Nauk SSSR* 9, 344-346 (1964). The method of Neuberg and Kobel (C.A. 37, 6704) which was further developed by Ostern and Gutlike (C.A. 31, 7880), has been modified. With Moscow yeasts, no phosphoglyceric acid could in most cases be obtained by the above methods. The modification consists in adding adducts of phosphates, fluoric, and AcH, not to the ferment, but to the ext. obtained by removing the yeasts through centrifugation. Generally, the ext. was not heated. H. Priestley

Lab. of physiological chemistry of the Acad. of the USSR, Moscow

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>CA</p> <p>Complexes of influenza virus with organic bases and cationic detergents. V. I. Tovarnitskii and M. I. Karling. <i>Biokhimiya</i> 13, 477-81 (1948); cf. C.A. 39, 33819. When the protein of the influenza virus PR-8 combines with a simple org. base, like piperidine, no ppt. is obtained, and the virus is not inactivated. The influenza virus is pptd. by cationic but not by anionic detergents. The biol. activity of the virus is considerably reduced after treatment with the cationic detergent zephriol. In the presence of the anionic detergent Igepon T, the virus is fully active. The virus-zephriol complex possesses properties similar to the virus-protein complex. That is, it is insol. or slightly sol. in water, and readily sol. in salt solns. In seeking for antiviral chemotherapeutic agents, attempts should be directed towards discovering high-mol. cations, of complicated structures, harmless to the organism, and capable of firm union with the carboxyl group of the virus.</p> <p>H. Priestley</p> <p><i>Lib. Virus Biochem. Inst. Virology, AMS USSR, Moscow</i></p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

KARLINA, M.

Investigation of the chemical nature of the specific anti-  
gen substances of tumors. V. B. Khorosheva, M. I. Kar-  
lina, and N. V. Chepurkina (D. I. Ivanovskii Inst. Virusol.,  
USSR Acad. Sci., U.S.S.R., Moscow). *Bull. Exptl. Biol. Med.* 43, No. 3, 44-50 (1956). An antigenic substance was  
extracted from cancerous human tissue which was  
kept for a prolonged time in 5% formalin. It was pptd. by  
50% acetone. The protein of this complex compd. which  
was serologically active contained 16 amino acids of which  
13 were identified chromatographically: cysteine, threonine,  
alanine, proline, leucine, lysine, histidine, arginine, aspartic  
acid, glutamic acid, serine, glycine, valine. The lipid sub-  
stance did not possess any antigenic properties. A. S. M.

KARLIN, M.I., kand.med.nauk; KLEBANOV, G.Ya.; GRUDNINA, S.M.(Leningrad)

Role of public councils in dermatological and venereological  
outpatient service. Vest. dermat. i ven. 37 no.1:74-76 Ja'63.  
(MIRA 16:10)

1. Iz kozhno-venerologicheskogo dispansera No.3 Leningrada  
(glavnyy vrach S.M.Grudnina). Nauchnyy rukovoditel' -chlen  
korrespondent AMN SSSR prof. P.V.Kozhevnikov.

(~~LENINGRAD~~—~~SKIN~~—~~DISEASES~~)

(~~LENINGRAD~~—~~VENERAL DISEASES~~)

(~~LENINGRAD~~—~~BATHS~~, ~~PUBLIC~~—~~SANITATION~~)

KARLIN, M.I., kand.med.nauk; LIPSKAYA, M.I., kand.med.nauk; PISAREVA, V.P.;  
GRIDINA, G.P.

Practice in dispensary treatment of bathhouse workers with  
epidermophytosis. Vest. dermat. i ven. 37 no.2:70-72 F'63.

(MIRA 16:10)

1. Iz kozhno-venereologicheskikh dispanserov No.3 i 13 Leningrada.

\*

KLEBANOV, G.Ya.; KARLIN, M.I., kand. med. nauk

Treatment of furuncles and carbuncles by freezing with ethyl chloride. Vest. dermat. i ven. 37 no.12:68-69 D'63 (MIRA 18:1)

1. Kozhnyy dispanser No.3 (glavnyy vrach S.M. Grudinina)  
Oktyabr'skogo rayona Leningrada (nauchnyy rukovoditel' - chlen  
korrespondent AMN SSSR prof. S.T. Pavlov).

KARLIN, M.I., kand. med. nauk; KLEBANOV, G.Ya.

Treatment of psoriasis with vitamin B combined with folic  
acid. Vest. derm. i ven. 38 no.1:61-62 Ja '64. (MIRA 17:8)

1. Leningradskiy kozhno-venerologicheskiy dispanser No.3  
(glavnyy vrach S.M. Grudinina); nauchnyy rukovoditel' raboty ..  
chlen-korrespondent AMN SSSR S.T. Pavlov.



USSR/Geophysics - Terrestrial Currents Jul/Aug 52

"Influence of Land and Sea on the Distribution of Natural Electric Currents in the Surface of the Earth's Crust," S.Ya. Turygin, N.A. Karlina, Moscow Hydrographic Inst, Acad Sci USSR

"Iz Ak Nauk SSSR, Ser Geofiz" No 4, pp 55-74

Considers the terrestrial currents in the surface layers of the earth's crust, which (currents) occur in large spaces in the earth's surface. By considering the sea as one half of the difference in dipole and taking into account the difference in

220752

elec cond of land and sea, establishes that the sea's cd can be 100 times greater than the land's cd when the sea is shallow, and near 5 May 51. for seas infinitely deep. Submitted 5 May 51.

KARLINA, N. A.

220752

MORDKOVICH, M.S.; SIROTA, M.A.; RIKHTER, A.G.; GOL'DENBERG, G.G.;  
KARLINA, N.I.

Optimum conditions for the preservation of green peas in refriger-  
ation chambers till their processing in plants. Kons. i ov.prom.  
18 no.10:10-12 0 '63. (MIRA 16:11)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy pro-  
myshlennosti.

L 62265-65

ACCESSION NR: AP501950

IR/0330/65/000/007/0018/0019

664. 8. 036. 3

AUTHOR: Bobrakov, B.P. (Senior research associate); Pavlina, N.N. (Senior laboratory technician); Mordkovich, M.S. (Senior research associate); Shapa, P.I. (Junior research associate)

TITLE: Pasteurisation conditions for aseptic canning of juices in large tanks

SOURCE: Konservnaya i ovoshchessushl'naya promyshlennost', no. 7, 1965, 18-19

TOPIC TAGS: apple juice canning, grape juice canning, aseptic canning, pasteurization

ABSTRACT: In 1963-1964, the Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti (Moldavian Scientific Research Institute of the Food Industry) carried out laboratory and production-scale tests for the purpose of developing a technological process for aseptic canning of grape and apple juice in large stationary or mobile tanks. The conditions of pasteurization of the juice in a flow which make it possible to store the juice for a long time even when the bacterial population levels of the original fresh juice are high were determined. A diagram of the assembly used in the study is given. The assembly made it possible to saturate the juice with air, deaerate it by means of a vacuum, heat and cool the juice to various temperatures while changing the duration of the thermal treatment over a wide range, sterilize the assembly and tanks with steam, fill the tanks with carbon dioxide, sterilize the air filter with sulfur dioxide, and fill the tanks with juice under

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L 62265-65

ACCESSION NR: AF5019507

2

aseptic conditions for an extended storage. The optimum conditions insuring the sterility of the juice consisted in heating to 92C for 82 sec and cooling to 25 - 30C for 60 sec. Data are given on an experimental industrial assembly with a capacity of 3 -- 3.5 t/hr, constructed at plant No. 2 of the Kishinev konservnyy kombinat (Kishinev Canning Combine). After six months storage, no organoleptic, chemical, or microbiological changes were found in the juice. Orig. art has: 1 figure and 1 table.

ASSOCIATION: Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti (Moldavian Scientific Research Institute of the Food Industry)

SUBMITTED: 00

ENCL: 00

SUB CODE: 00,15

NO REF SOV: 000

OTHER: 000

Cord

2/2

RYAZANOV, F.A., inzh.; POLIBINA, T.D., inzh.; NAZAROVA, L.F., inzh.;  
KARLINER, I.N., inzh.; MITROKHINA, A.P., tekhnik; VORONKOVA,  
A.S., tekhnik; BAVYKINA, Z.I., tekhnik; VINNITSKIY, D.Ya.,  
inzh., red.; VELITSYN, B.L., tekhn. red.

[Norms for the expenditure of metal and pipe in the  
manufacture of nonstandard heat equipment and low-pressure  
pipelines for thermal electric power plants] Normy raskhoda  
prokata i trub na izgotovlenie nestandartnogo teplotekhaniche-  
skogo oborudovaniia i truboprovodov nizkogo davleniia dlia  
teplovyykh elektrostantsii. Utverzhdeny Tekhnicheskim upravle-  
niem Ministerstva stroitel'stva elektrostantsii (Reshenie  
No. 167 ot 31 iuliia 1961 g. Moskva, Orgenergostroi 1962.  
230 p. (MIRA 16:10)

1. Vsesoyuznyy institut po proyektirovaniyu organizatsii ener-  
geticheskogo stroitel'stva "Orgenergostroy."  
(Electric power plants) (Pipe mills)

KARLINER, M. M.

Cand Phys-Math Sci - (diss) "Study of modulation-phase method of measuring the Q-factor of resonators at ultra-high frequencies." Saratov, 1961. 10 pp; (Saratov Order of Labor Red Banner State Univ imeni N. G. Chernyshevskiy); 200 copies; price not given; (KL, 5-61 sup, 173)

KARLINER, M.M.

Precision phasemeter for radio frequencies. Izv.tekh. no.5:43-46  
My '61. (MIRA 14:5)  
(Radio frequency--Measurement)

KARLINER, M.M.; SOROKIN, Yu.K.

Graduation of diode noise generators based on the reciprocity principle. Izv.tekh. no.10:49-52 0 '61. (MIRA 14:11)  
(Oscillators, Electron-tube)



L 05821-67 EWT(m) IJP(c) GD

ACC NR: AT6031468

SOURCE CODE: UR/0000/65/000/000/0001/0012

AUTHOR: Auslender, V. L.; Blinov, G. A.; Budker, G. I.; Karliner, M. M.; Kiselev, A. V.; Livshits, A. A.; Mishnev, S. I.; Naumov, A. A.; Panasyuk, V. S.; Pestov, Yu. P.; Sidorov, V. A.; Sil'vestrov, G. I.; Skrinskiy, A. N.; Khabakhpashev, A. G.; Shekhtman, I. A.

ORG: none

TITLE: Present state of research on the VEPP-2 electron-positron ring

SOURCE: AN SSSR. Sibirskoye otdeleniye. Institut yadernoy fiziki. Doklady, 1965. Sostoyaniye rabot na pozitron-elektronnomy nakopitele VEPP-2, 1-12

TOPIC TAGS: electron, positron, electron positron storage ring, electron beam /B-3M synchrotron, VEPP-2 electron-positron, steradian

ABSTRACT: The VEPP-2 electron-positron storage ring was designed for experiments on the interaction of positrons and electrons with an energy of up to  $2 \times 700$  Mev. It is basically a special type of B-3M synchrotron, and is equipped with an exterior injector, a high-vacuum storage track, a single thread system to extract the electron beam from the accelerator and insert it into the storage ring.

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L 05821-67

ACC NR: AT6031468

0

It has electron-optic channels and a converter to transform an electron beam into a positron beam. It now works at an energy of 200 Mev. Basic studies of the process of insertion into the storage ring were made at an energy of 100 Mev. A detailed description is given of the installation and storage of electrons and positrons. A system of spark chambers, comprising a  $2 \times 0.7$  solid angle steradian close to the vertical direction, was prepared for experiments on the interaction of positrons and electrons. Efforts are now being made to increase the accumulation speed of positrons. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 001/

kh

Card 2/2

L 07063-67 EWT(m) IJP(c) SOURCE CODE: UR/0089/66/020/003/0210/0213  
ACC NR: AP6021621 (N)

AUTHOR: Auslender, V. L.; Karliner, M. M.; Naumov, A. A.; Popov, S. G.; Skriniskiy, A. N.; Shekhtman, I. A.

ORG: none

TITLE: Phase instability of an intense electron beam in a storage ring

SOURCE: Atomnaya energiya, v. 20, no. 3, 1966, 210-213

TOPIC TAGS: storage ring, electron beam, automatic stabilization equipment, phase modulation, electron accelerator/ VEPP-2 storage ring

ABSTRACT: The authors consider radial-phase self-oscillations in storage rings at large beam currents. Conditions for the stability are obtained in the case of arbitrary frequency characteristics of the accelerating system. It is shown that stability conditions derived in earlier studies, stating that it is sufficient to tune the accelerating resonator to a frequency somewhat lower than the generator frequency in order to prevent self excitation of phase oscillations at arbitrarily large beam currents, are not borne out in practice, and that other factors must be taken into account in a more rigorous stability analysis. Allowance is also made for the interaction between the beam and the accelerating system and other elements of the vacuum chamber at harmonics of the electron-bunch revolution frequency. Some results of an experimental investigation of self excitation of phase oscillations in the storage rings of the Institute of Nuclear Physics of the Siberian Department of AN SSSR are

UDC: 621.384.60

Card 1/2

KARLINER, M.M.

Direct-reading superhigh-frequency Q-meter. Prib.i tekhn.eksp. 6  
no.5:141-146 S-0 '61. (MIRA 14:10)  
(Electronic instruments)

L 25793-66 EWI(m) IJP(c)

ACC NR: AP6016377

SOURCE CODE: UR/0089/65/019/006/0502/0505

AUTHOR: Auslender, V. L.; Blinov, G. A.; Budker, G. I.; Karliner, M. M.; Kiselev, A. V.; Livshits, A. A.; Mishnev, S. I.; Naumov, A. A.; Panasyuk, V. S.; Pestov, Yu. N.; Sidorov, V. A.; Sil'vestrov, G. I.; Skriskiy, A. N.; Khabakhashev, A. G.; Shekhtman, I. A.

ORG: none

TITLE: Status report on the VEPP-2 positron-electron storage ring

SOURCE: Atomnaya energiya, v. 19, no. 6, 1965, 502-505

TOPIC TAGS: electron positron pair, electron interaction, synchrotron, electron scattering, luminescence, betatron/B-3M synchrotron

ABSTRACT: The VEPP-2 was designed for electron-positron interaction experiments at energies of 2 X 700 Mev. as reported in the "Proceedings of the International Conference on Accelerators", Dubna, 1963. Work accomplished in the two years following that conference includes the following: start-up of the synchrotron injector, accumulation of large electron currents in the storage ring, study of instability related to the interaction of the beam with the resonator, and the accumulation of positrons. At present the VEPP-2 is being used to study the interaction of two beams and to measure the luminescence from the small-angle positron-electron scattering. An over-all schematic diagram of the VEPP-2 is shown, including its connection to a B-3M synchrotron. The latter operates in light-duty mode at 200 Mev, and its 100 ma output pulse is shorter than 20 nsec. Its energy scattering is less than 2% and pulse repetition frequency is about 3 cycles. The storage ring is a weakly focussing racetrack with four identical rectilinear segments 60 cm long. The equilibrium orbit radius is 150 cm and the aperture is

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L 25793-66

ACC NR: AP6016377

8 X 14 cm. One segment of the ring is the experimental working section; the opposite section is a resonator; the remaining two are used to inject electrons and positrons. The experiments made and the operation of the equipment are described in detail. It is noted with interest that when betatron oscillations are excited by individual inflector pulses, most of the initial oscillation amplitude decays in a time interval much shorter than the natural radiation decay time. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 001

Card 2/2 CC

SUKHOVIY, F.I.; AKISHINA, N.I.; KARLINER, S.Ya.

Chronaxy of neuromuscular apparatus in alloxan diabetes. <sup>1</sup>Vopr.  
fiziol. no.8:142-149 '54. (MIRA 14:1)

1. Ukrainskiy institut eksperimental'noy endokrinologii.  
(DIABETES, experimental,  
chronaxy of nerve-musc. prep. in)  
(NERVE-MUSCLE PREPARATION,  
chronaxy in alloxan diabetes)

GENES, S.G.; KARLINER, S.Ya.

Effect of various means of insulin injection into the body on the content of ketone bodies and their passage into the tissues.

Trudy Ukr.nauch.-issl.inst.eksper,endok. 18:187-195 '61.

(MIRA 16:1)

1. Iz otdela patofiziologii Ukrainskogo instituta eksperimental'noy endokrinologii i iz Ukrainskogo instituta usovershenstvovaniya vrachey.

(INSULIN)

(ACETONEMIA)



BARTOS, G.; KARLINGER, T.

Experimental data on the evaluation of various methods of osteosynthesis.  
Vest. khir. 84 no. 4:74-79 Ap '60. (MIRA 14:1)  
(FRACTURES)

KARLINGER, Tihamer, dr.

On surgical problems in portal hypertension. Magy. sebesz. 15 no.2:  
102-103 My<sup>0</sup>62.

(HYPERTENSION PORTAL surg)

KARLINKOWSKI, T: SLIWA, E.

Observations on fighting spruce budworms by collecting and destroying  
the shoots of spruce. p.22

LAS POLSKI. (Ministerstwo Leśnictwa oraz Stowarzyszenie Naukowo-  
Techniczne Inżynierów i Techników Leśnictwa i Drzewnictwa) Warszawa, Poland  
Vol.29, no.3, Mar. 1955

UNcl.

KARLINER, M.M.

Phase method for measuring the quality factor of superhigh-frequency resonators. Izv.vys.ucheb.zav.; radiofiz. 1 no.3:95-103 ' 58.  
(Electric resonators--Measurement) (Microwaves) (MIRA 12:1)

1. KARLINER, M. YA.
2. USSR (600)
4. Lungs - Dust Diseases
7. Problem of diagnosis and clinical aspects of silicotuberculosis. Sov. med.  
16 no. 9, '52.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KARLINER, M. Ya.

"Silicosis and Silicotuberculosis of Dinas Factory Workers and the Clinical Problems of Silicotuberculosis." Cand Med Sci, Khar'kov Medical Inst, Min Higher Education Ukrainian SSR, Khar'kov, 1955. (Kl, No 18, Apr 55).

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

KARLINGER, Tihamer, dr.; HORVATH, Istvan, dr.

Clinical and pathological data on the pavement cell cancer of the gall bladder. Orv. hetil. 97 no.16:429-431 15 Apr 56.

1. A Pécsi Orvostudományi Egyetem I. sz. Sebészeti Klinikájának (igazgató: Schmidt, Lajos dr. egyetemi tanár) és Kóronctani Intézetének (igazgató: Romhányi, György dr. egyetemi tanár) közleménye.

(GALL BLADDER, neoplasma  
epidermoid carcinoma, pathol. (Hun))  
(CARCINOMA, EPIDERMOID  
gall bladder, pathol. (Hun))'

TOROK, Bela, dr.; KARLINGER, Tihamer, dr.; SZOLLOSY, Laszlo, dr.

Hepato-gastrostomy in clinical practice. Orv.hetil. 100  
no.48:1727-1729 N '59.

1. A Pecszi Orvostudományi Egyetem II. sz. Sebészeti Klinikájának  
és Sebészeti Anatómiai és Műtettani Intézetének (igazgató:  
Karlinger Tihamer dr.) közleménye.  
(HEPATIC DUCT surg)  
(STOMACH surg)



KARLINSKA, ANNA

Histopathology of the tongue in various diseases. Pat.polska 6  
no.2:83-90 Ap-Je '55.

1. Z Oddziału Anatomopatologicznego Centralneg Szpitala M.B.P.  
Kierownik: prof. dr. A. Karlinska. Warszawa, Nowolipie 31 m.20.  
(TONGUE, in various diseases,  
autopsy findings)

2 POLAND/Human and Animal Morphology (Normal and Pathological). Respiratory System.

S-1

Abs Jour: Ref Zhur-Biol., No 16, 1958, 74268

Author : Karlinaka, Anna

Inst :

Title : Histopathological Changes in the Lungs of Neonates and Fetuses.

Orig Pub: Probl. lekar., 1956, 3, No 1, 27-35

Abstract: The lungs of 116 fetuses and newborn children were studied microscopically. Pneumonia (26.7% of cases), atelectasis (22.5%), hyaline membranes (13.8%) and hemorrhages (8.6 %) were found. In the group which was studied only clinically and macroscopically (66 cases), changes in the lungs, as a cause

Card : 1/2

KARLINSKA, Anna (Warszawa, ul. Nowolipie 31 m. 20.)

Post-mortem cytological examination of the lungs in newborn infants and in young infants. Pat. polska 9 no.3:249-254 July-Sept 58.

1. Z Oddziału Anatomopatologicznego Centralnego Szpitala MSW Kierownik: prof. dr A. Karlinska.

(LUNGS, pathology

post-mortem exam. in newborn inf. (Pol))

(INFANT, NEWBORN, diseases

pneumonia, post-mortem pathol. (Pol))

(PNEUMONIA, in infant & child

post-mortem pathol. in newborn inf. (Pol))

KUBICKI, Stefan; KARLINSKA, Anna; SUJKOWSKA, Wieslawa

A case of Budd-Chiari syndrome without the involvement of large branches of the hepatic vein. Polskie arch.med.wewnetrz. 29 no.11: 1559-1567 '59.

1. Z Oddzialu Wewnetrznego i Zakladu Anatomii Patologicznej Centralnego Szpitala Klinicznego MSW w Warszawie. Kierownicy: prof.dr.med. S.Kubicki i prof.dr.med. A. Karlinska.  
(HEPATIC VEINS dis.)

KUBICKI, Stefan; KARLINSKA, Anna; LOZINSKI, Jan

Kimmelstiel-Wilson syndrome verified by kidney biopsy. Pol. arch.  
med. wewnet. 32 no.1:119-127 '62.

1. Z Oddziału Chorob Wewnętrznych Centralnego Szpitala Klinicznego MSW  
w Warszawie Kierownik: prof. dr med. S. Kubicki i z Zakładu Anatomii  
Patologicznej Centralnego Szpitala Klinicznego MSW w Warszawie  
Kierownik: prof. dr med. A. Karlinska.

(KIMMELSTIEL-WILSON SYNDROME diag) (BIOPSY)

KARLINSKA, A.

Myocardial changes in small children. Kardiologia Pol. 5 no.2:135-141  
1962.

1. Z Zakładu Anatomii Patologicznej Centralnego Szpitala Klinicznego  
M.S.W. w Warszawie Kierownik: prof. dr A. Karlinska.

(MYOCARDIUM pathol)

POLAND

KUBICKI, Stefan, KARLINSKA, Anna and SLAW, Jan; Division of Internal Diseases (Oddzial Chorob Wewnetrznych), of the Central Clinical Hospital (Centralny Szpital Kliniczny) of MSW /Ministerstwo Szkolnictwa Wyzszego -- Ministry of Higher Education/ in Warsaw, Director: Prof Dr Med S. KUBICKI and the Institute of Pathological Anatomy (Zaklad Anatomii Patologicznej), MSW Central Clinical Hospital in Warsaw, Director: Prof Dr Med A. KARLINSKA.

"Clinical and Morphological Aspects of Gastrobiopsy"

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 9, 25 Feb 1963, pp 321-326.

Abstract: /Authors' English summary modified/ Observations on the clinical value of gastrobiopsy and the occurrence, kind and histogenesis of gastritis are reported. The results of 184 gastrobiopsies performed in 150 patients with diagnosis of the stomach and of other organs are presented. Attention

1/2

KARLINSKAYA, D. YU.  
USSR/Chemistry - Elastomers

FD-2525

Card 1/1 Pub. 50 - 4/14

Authors : Tager, A. A., Cand Chem Sci; Gordeyeva, T. B., Karlinskaya,  
D. Yu., Kurochkina, L. M.

Title : Methods of evaluating some technological properties of sodium  
butadiene rubbers

Periodical : Khim. prom. No 4, 209-213, Jun 1955

Abstract : Describe the method of "foaming" and the method of thermomechanical  
curves, which can be used in evaluating the capacity of rubbers to  
form a tridimensional structural network. Ten references, all of  
them USSR, 8 since 1940. Three graphs, 2 tables.

Institutions : Ural State University; Sverdlovsk Ebonite Products Plant



KARLINSKAYA, D. Yu.

Thermodynamic study of copolymer solutions. I. Thermodynamic study of solutions of butadiene-styrene copolymers. A. A. Tarkenton, J. E. Kozova, D. Yu. Karlinskaya, and I. A. Yurina (A. M. Gorkii Ufa State Univ., Sverdlovsk). *Kolloid. Zhur.* 17, 318-23 (1955); cf. C.A. 47, 4800c. The integral heats  $Q$  of soln. of copolymers in  $C_6H_6$  were equal to those of swelling, i.e. the heats of diln. were very small. The  $Q$  was immeasurably small for copolymers contg. 60 or 70 wt. % styrene; it was pos. when the fraction  $x$  of styrene was greater and increased with  $x$ , and was more neg. the smaller was  $x$  between  $x = 10$  and 50%; e.g. at  $x = 10\%$ ,  $Q = -1.18$  cal. for 1 g. copolymer. Sorption  $a$  of  $C_6H_6$  vapor by copolymers, up to the relative vapor pressure  $p/p_0$  of 0.5, was greater the smaller was  $x$ ; at higher  $p/p_0$  some curves of  $a$  vs.  $p/p_0$  crossed. Computation of these data showed that penetration of  $C_6H_6$  into copolymers with  $x < 90\%$  was assoc. with an increase in entropy  $S$  (because of the flexibility of the polymer chains) while  $S$  of the rigid copolymer with  $x = 60\%$  decreased, and that copolymers with a small  $x$  dissolved in  $C_6H_6$  as a result of diffusion while those with a large  $x$  dissolved because of an interaction between copolymer chains and  $C_6H_6$ .

I. I. Bikerman

③

I 12685-63 EPR/EPF(2)/EMP(3)/EMT(4)/EUS AFFTC/ASD Ps-4/Pc-4/Pr-4 RM/  
 ACCESSION NR: AP3001597 S/0138/63/000/005/0048/0049

AUTHOR: Lovtskaya, I. N.; Karlinskaya, D. Yu.; Novikov, I. Sh.

72

TITLE: Formula for oil-resistant porous products

SOURCE: Kauchuk i rezina, <sup>22</sup>no. 5, 1963, 48-49

TOPIC TAGS: oil-resistance, sponginess, porousness, foam rubber

ABSTRACT: The formula worked out and recommended by the Sverdlovskiy zavod ebonitovykh izdeliy (Sverdlovsk Factory of Black-Hard-Vulcanized-Rubber Products) contained: rubber (SKN-40), 200 pounds by weight; sulfur, 1.5; stearine, 2.0; zinc oxide, 5.0; carbon black, 30.0; dibutylphthalate, 25.0; resin, 1.5; Altax, 1.0; porofo (ChKhZ-5), 5.0. The compound was mixed on laboratory rollers, heated to 35-40C for 30 minutes, followed by vulcanization at 162C for 20 minutes. The samples had a smooth surface and contained small, mostly closed, pores. The oil- and benzo-resistance were estimated by gravimetric determination of the degree of swelling of the sample in a mixture of 75% benzine and 25% benzene, as well as in kerosene, at 20C and 70C. The samples were square plates 50 mm on the side and 6 mm thick. It was found that by relative compression and residual deformation data the new compound was far superior to the controls in both oil- and benzo-resistance.

Card 1/1

KARLINSKAYA, E.B.

Wooden guide screw in a worm apparatus. Kozh.-obuv. prom. 7 no.8:  
29 Ag '65. (MIRA 18:9)

MALKIN, I.M.; CHIRKOVA, N.P.; NEYMAN, V.G.; KARLINSKAYA, L.S.; GANCHENKO,  
V.M.; POKIDYSHEV, M.I.; CHERNYSHEV, Yu.P.; PLATONOV, G.F.;  
MIKHAYLOV, N.I.; ABDEYEV, M.A.; MILLER, O.G.; BUTENKO, N.S.;  
DYUYSEKIN, Ye.K.

Treatment of zinc-bearing slags in electric furnaces with coke  
conductivity. TSvet. met 33 no. 12:15-23 D '60. (MIRA 13:12)

1. Leninogorskiy polimetallicheskiy kombinat (for Malkin, Chirkova,  
Neyman, Karlinskaya, Ganchenko, Pokidyshev, Chernyshev). 2. Altay-  
skiy gorno-metallurgicheskiy institut AN KazSSR (for Platonov,  
Mikhaylov, Abdeyev, Miller, Butenko, Dyuysekin).  
(Zinc--Electrometallurgy) (Electric furnaces)

KARLINSKAYA, M. I.

"Methods for Designing Remote-Control Devices for Large Water-Supply Stations."  
Thesis for degree of Cand. Technical Sci. Sub 4 April 50, Academy of Municipal  
Economy imeni K. D. Pamfilov.

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering  
in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

KARLINSKAYA, M. I.

GRITSKEVICH, I. A., Inzh. i, KARLINSKAYA, M. I., Laureat Stalinskoy Premii Kand.  
Tekhn. Nauk., YEFREMOV, Ye. A., Inzh., NEKRASOV, K. A., Inzh.

Akademiya Kommunal'nogo Khozyaystva IM. K. D. Pamfilova

Tsentralizovannoye upravleniye magistral'nyimi setyami gorodskikh vodoprovodov  
Page 57

SO: Collection of Annotations of Scientific Research Work on Construction, completed  
in 1950. Moscow, 1951

PA 187177

KARLINSKAYA, M. I.

USSR/Physics - Telemechanics Mar/Apr 51

"Degree of Utilization of Impulses in Tele-  
Control Apparatus With Group Selection,"  
M. I. Karlinskaya, Acad Communal Econ lment  
K. D. Pamfilov

"Automat i Telemekh" Vol XII, No 2, pp 149-159

Considers problems concerning most rational  
(efficient) scheme of constr of decipherers  
in the case of group selection for obtaining  
min time of transmission. Gives relations that  
permit one to det number of steps of selection,

187177 4

USSR/Physics - Telemechanics Mar/Apr 51  
(Contd)

number of units in each step (stage), and the  
principle governing selection. Submitted  
4 Sep 50; resubmitted 15 Jan 51 after revision.

187177

1. KARLINSKAYA, M.; BELKIN, Ya.
2. USSR (600)
4. Water-Supply Engineering
7. Principles of automatization of water-supply systems. Zhil. -kom. khoz. 2, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.



KARLINSKAYA, M., kandidat tekhnicheskikh nauk, laureat Stalinskoy premii; MAG-  
NICHKINA, V., nauchnyy sotrudnik; YEFREMOV, E.A.; NEKRASOV, K.A.; GAVRI-  
LOV, M.A., doktor tekhnicheskikh nauk, professor, consultant.

Time-impulse system of pressure telemetry for liquids and gases. Zhil.  
-kom. khoz. 3 no.3:5-8 Mr '53. (MLRA 6:5)

1. Akademiya kommunal'nogo khozyaystva, Laboratoriya avtomatiki (for Kar-  
linskaya, Magnichkina, Efremov, Nekrasov). (Pressure gages)

BELKIN, Y a.G., kandidat tekhnicheskikh nauk; KARLINSKAYA, M.I.; MOROZ, V.A.; KAPLANSKIY, S.A., inzhener; MAGNICHKINA, V.P., inzhener; SIMYAGINA, M.N., inzhener; SOKOL'SKIY, I.F., redaktor; KONYASHINA, A., tekhnicheskij redaktor.

[Principal factors in dispatching and automation of city water supply systems] Osnovnye polozhenia po dispetcherizatsii i avtomatizatsii sistem gorodskogo vodosnabzhenia. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 38 p. (MLRA 9:1)

1. Akademiya kommunal'nogo khoziaistva.  
(Water supply engineering)

KARLINSKAYA, M.I.

KOZHINOV, V.F.; POPKOVICH, G.S.; KARLINSKAYA, M.I.; KUBLANOVSKIY, L.B.,  
kandidat tekhnicheskikh nauk, retsenzent; KOMYUSHKOV, A.M.,  
kandidat tekhnicheskikh nauk, redaktor; SMIRNOV, A.P., redaktor;  
PERSON, M.N., tekhnicheskii redaktor.

[Automation in the work of water supply and sewage disposal  
installations] Avtomatizatsiia raboty vodoprovodno-kanalizatsion-  
nykh sooruzhenii. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i  
arkhitekture, 1955. 257 p. (MLRA 9:1)  
(Automation--Water-supply engineering)  
(Sewage--Purification)

KARLINSKAYA, M. I.

"Telemechanization of Objects of Communal Economy" (Telemekhanizatsiya ob'yektov kommunal'nogo khozyaystva) from the book Telemechanization in the National Economy, pp. 425-432, Iz. AN SSSR, Moscow, 1956

(Given at meeting held in Moscow 29 Nov to 4 Dec 54 by Inst. of Automatics and Telemechanics)

KARLINSKAYA, M.I.;SINYAGINA, M.N.

Telemechanization of city gas supply systems. Gaz. prom. no.6:15-20  
Je '56. (MLRA 9:12)  
(Gas distribution) (Remote control)

KARLINSKAYA, M.I., kandidat tekhnicheskikh nauk.

Protecting pump bearings and electric motors from overheating;  
and concerning the time lag between the opening of the electric  
valve and the start of the electric motor. Vod.i san.tekh.  
no.6:33 Je '56. (MLRA 9:8)

1. Akademiya kommunal'nogo khozyaystva.  
(Pumping machinery)

112-57-7-15014

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 7, p 173 (USSR)

AUTHOR: Karlinskaya, M. I.

TITLE: Telemechanics in Municipal Utility Installations  
(Telemekhanizatsiya ob'yektov kommunal'nogo khozyaystva)

PERIODICAL: V sb. Telemekhaniz. v nar. kh-ve., AN SSSR, Moscow, 1956,  
pp 425-432

ABSTRACT: Specifications on remote control and telemetering in municipal utilities are presented. Briefly described are a few developmental remote-control and telemetering systems: a unified remote-control system, a street-lighting remote-control system, a water- and gas-supply telemetric system. Scientific and practical problems of further development of remote control and telemetering in municipal utilities are listed.

N. M. F.

Card 1/1

KARLINSKAYA, M.I.

SINYAGINA, M.N.; MAGNICHKINA, V.P.; KARLINSKAYA, M.I., kand. tekhn. nauk, red.;  
BASAKIROV, L.G., red.; KONYASHINA, A.D., tekhn. red.

[Use of contactless and frequency elements in municipal services]  
Ispol'zovanie beskontaktnykh i chastotnykh elementov v kommunal'-  
nom khoziaistve. Pod obshchei red. M.I. Karlinskoj. Moskva, Izd-vo  
M-va kommun. khoz. RSFSR, 1957. 120 p. (MIRA 11:7)  
(Automatic control) (Remote control) (Telemetering)



YABELOV, Nikolay Semenovich; KARLINSKAYA, M.I., red.; YAROSHEVSKIY,  
V.M., red.izd-va; SHLIKHT, A.A., tekhn.red.

[Automatic control of the Podol'sk water supply system;  
work on the water supply system for the city of Podol'sk,  
Moscow Province] Avtomatizatsiia na Podol'skom vodoprovode;  
iz opyta raboty vodoprovoda g. Podol'ska Moskovskoi oblasti.  
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1958. 32 p. (MIRA 12:6)  
(Podol'sk--Water supply)

KARLINSKAYA, Marianna Il'inichna,; BUKHIN, Vladimir Yevseyevich,; GIEP,  
V.V., red. izd-va,; RAKITIN, I.T., tekhn. red.

[Remote control and telemetering in gas-supply systems] Teleupravlenie  
i teletzmerenie v sistemakh gazosnabzheniya. Moskva, Izd-vo  
M-va kommun. khoz. RSFSR, 1958. 52 p. (MIRA 11:12)  
(Gas distribution)  
(Remote control)  
(Telemetering)

28(1)

PHASE I BOOK EXPLOITATION

SOV/2331

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Telemekhanizatsiya gorodskikh gasovykh khozyaystv (Telemechanization of City Gas Systems) Moscow, Izd-vo M-va kommun. khoz. RSFSR, 1958. 190 p. Errata slip inserted. 4,000 copies printed.

Ed.: N.I. Ryabtsev; Ed. of Publishing House: R.A. Avrushchenko; Tech. Ed.: A.A. Shlikht.

PURPOSE: This book was approved by the Ministry of Higher Education as a textbook for students of construction vuzes specializing in "Heat and Gas Supply and Ventilation." It is also intended for engineers and technicians engaged in the design and operation of gas supply systems.

COVERAGE: Elements of automatic and remote control systems are presented in detail and a popular exposition of the basic principles of remote control and telemetering is given. Experience acquired in the telemechanization of municipal gas supply systems is generalized and examples of remote control and telemetering devices operating in gas supply systems of Soviet and non-Soviet countries are presented. The authors discuss recent developments in gas-pipeline construction

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in the Soviet Union. They also discuss plans for the seven-year period ending in 1965 when ten new gas pipelines, with a total length of 26,000 km and originating in the North Caucasian and other gas deposits, are to be completed. The fifteen-year goal is to attain a gas production of 270 to 320 billion cu m, or 13 to 15 times more than the 1957 output. The level of production for 1956 is set at 150 billion cu m. The authors present a brief historical review of developments in telemechanics in Russia from 1832 to the present period. The following Soviet plants produce remote control and telemetering equipment: "Elektropul't" and "Energodetal'". The "Manometer" and "Tizpribor" plants produce telemetering equipment. The following institutes are engaged in developing specialized remote control equipment: Institute of Automatic Control and Telemechanics (IAT), Academy of Sciences, USSR; Central Scientific Research Electrical-Engineering Laboratory of the Ministry of Electric Power Stations (TsNIEL MES); Academy of Municipal Services; Central Laboratory of Automation (TsLA) for Ferrous Metallurgy; Scientific Research Institute of Railroad Transport; Moscow Power Institute, and the Kiyev Polytechnic Institute. Sections II and IV were written by M.I. Karlinskaya, Section III by Ya.C. Belkin, and Section I was written jointly by both authors. There are 29 references: 20 Soviet and 9 English. In addition, there is a list of 7 Soviet monographs and articles recommended for a closer study of the problems treated in the book.

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